

Maine High School Assessment Mathematics Testing Blueprint

Question Types	# of Questions	Time
SAT Mathematics Reasoning Test TM		
Standard Multiple Choice	44	70 minutes total Two 25-minute sections One 20-minute section
Student Produced Responses	10	
	Total 54	
MHSA Mathematics Augmentation		
Standard Multiple Choice	25	One 45-minute section

Content by Cluster	# of Questions
SAT Mathematics Reasoning Test TM	
Numbers and Operations	11-13
Mathematical Reasoning	6-7
Shape and Size	14-16
Patterns	19-21
MHSA Mathematics Augmentation	
Numbers and Operations	4-6
Mathematical Reasoning	7-8
Shape and Size	4-6
Patterns	0-2
Total for MHSA Mathematics	
Numbers and Operations	17
Mathematical Reasoning	14
Shape and Size	20
Patterns	21

Maine Clusters

Number and Operations

Approximates SAT Number and Operations

Size and Shape

E. Geometry, F. Measurement
Approximates SAT Geometry and Measurement

Mathematical Reasoning

C. Data Analysis and Statistics, D. Probability
J. Mathematical Reasoning
Approximates SAT Data Analysis, Statistics and Probability

Patterns

G. Patterns and Relationships, H. Algebra,
K. Communication
Approximates SAT Algebra and Functions

Maine Content Standards

A. Numbers and Number Sense, B. Computation
I. Discrete Mathematics